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AUG 2 2003

**CUSTOMER SERVICE  
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FORM**

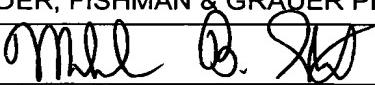
(to be used for all correspondence after initial filing)

		Application Number	10/700,007-Conf. #3670
		Filing Date	November 3, 2003
		First Named Inventor	Earl D. Diem
		Art Unit	3661
		Examiner Name	Gary Chin
Total Number of Pages in This Submission		Attorney Docket Number	65899-0727

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	See Remarks
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Response to Notice Regarding Drawings Subsequent to Payment of Issue Fee and Submission of New Formal Drawings with Replacement Sheets 1 through 10; Copy of Notice Regarding Drawings.	

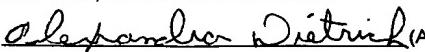
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	RADER, FISHMAN & GRAUER PLLC		
Signature			
Printed name	Michael B. Stewart		
Date	August 2, 2005	Reg. No.	36,018

**Transmittal**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as Express Mail, Airbill No. EV 664578376 US in an envelope addressed to: Commissioner for Patents, Attention: Steven Field, Office of Patent Publication, Publishing Division, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: August 2, 2005

Signature:  (Alexandra Dietrich)

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Dated: August 2, 2005

Signature: Alexandra Dietrich  
(Alexandra Dietrich)

Docket No.: 65899-0727  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Earl D. Diem

Application No.: 10/700,007

Filed: November 3, 2003

For: NON-INTRUSIVE DIAGNOSTIC TOOL FOR  
SENSING OXYGEN SENSOR OPERATION

Confirmation No.: 3670

Art Unit: 3661

Examiner: Chin, Gary

### RESPONSE TO NOTICE REGARDING DRAWINGS SUBSEQUENT TO PAYMENT OF ISSUE FEE AND SUBMISSION OF NEW FORMAL DRAWINGS WITH REPLACEMENT SHEETS 1 THROUGH 10

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

#### ATTENTION:

Steven Field  
Office of Patent Publication  
Publishing Division

Dear Sir:

Attached is a copy of the Notice dated June 13, 2005, requiring a response within two months. In response to the Notice new formal drawings are also enclosed. The ten sheets of drawings are all replacement sheets and are so labeled. It is respectfully submitted that all of the objections based on the Notice of Draftperson's patent drawing review accompanying the Notice have been addressed and that the application is ready to issue.

If there are any further concerns or questions, you are respectfully requested to contact the undersigned by phone to facilitate the providing of information.

It is believed that no fees are due. However, if necessary, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have

been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-0013, under Order No. 65899-0727. A duplicate copy of this paper is enclosed.

Dated: August 2, 2005

Respectfully submitted,

By

Michael B. Stewart

Registration No.: 36,018

RADER, FISHMAN & GRAUER PLLC  
39533 Woodward Avenue  
Suite 140  
Bloomfield Hills, Michigan 48304  
(248) 593-3323  
Attorneys for Applicant

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Dated: August 2, 2005

Signature: Alexandra Dietrich  
(Alexandra Dietrich)

Docket No.: 65899-0727  
(PATENT)

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In re Patent Application of:  
Earl D. Diem

Application No.: 10/700,007

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For: **NON-INTRUSIVE DIAGNOSTIC TOOL FOR  
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Dated: August 2, 2005

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Michael B. Stewart

Registration No.: 36,018  
RADER, FISHMAN & GRAUER PLLC  
39533 Woodward Avenue  
Suite 140  
Bloomfield Hills, Michigan 48304  
(248) 593-3323  
Attorneys for Applicant

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**The drawing(s) filed (insert date) 11-3-03 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

<b>1. DRAWINGS.</b> 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).	<b>8. ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(i)
<input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____	<input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
<input type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____	<b>9. SCALE.</b> 37 CFR 1.84(k)
<input type="checkbox"/> One (1) full-tone set is required. Fig(s) _____	<input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
<input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(e)	<b>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.</b> 37 CFR 1.84(l)
<input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____	<input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>5, 9, 13, 10</u>
<input type="checkbox"/> Poor quality (half-tone). Fig(s) _____	<b>11. SHADING.</b> 37 CFR 1.84(m)
<b>2. PHOTOGRAPHS.</b> 37 CFR 1.84(b)	<input type="checkbox"/> Solid black areas pale. Fig(s) _____
<input type="checkbox"/> <input checked="" type="checkbox"/> One (1) full-tone set is required. Fig(s) _____	<input checked="" type="checkbox"/> Solid black shading not permitted. Fig(s) <u>12</u>
<input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(e)	<b>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.</b> 37 CFR 1.84(p)
<input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____	<input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) <u>9, 13</u>
<b>3. TYPE OF PAPER.</b> 37 CFR 1.84(e)	<input type="checkbox"/> Figure legends are poor. Fig(s) _____
<input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____	<input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
<input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____	<input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
<b>4. SIZE OF PAPER.</b> 37 CFR 1.84(f): Acceptable sizes:	<input type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____
21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches)	<b>13. LEAD LINES.</b> 37 CFR 1.84(q)
<input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____	<input type="checkbox"/> Lead lines missing. Fig(s) _____
<input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____	<b>14. NUMBERING OF SHEETS OF DRAWINGS.</b> 37 CFR 1.84(t)
<b>5. MARGINS.</b> 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	<input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____
<input type="checkbox"/> Margins not acceptable. Fig(s) _____	<b>15. NUMBERING OF VIEWS.</b> 37 CFR 1.84(u)
<input type="checkbox"/> Top (T)      Left (L) Right (R)      Bottom (B)	<input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
<b>6. VIEWS.</b> 37 CFR 1.84(h)	<b>16. DESIGN DRAWINGS.</b> 37 CFR 1.152
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.	<input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____
<input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____	<input type="checkbox"/> Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____
<b>7. SECTIONAL VIEWS.</b> 37 CFR 1.84(h)(3)	
<input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	
<b>COMMENTS:</b>	

Reviewer S. Feltch

If you have questions, call (703) 305-8404.

Date 6-13-05

Attachment to Paper No. \_\_\_\_\_



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>10/700007✓</b>	FILING/RECEIPT DATE <b>11/03/2003</b>	FIRST NAMES APPLICANT <b>DIEM, EARL D.</b>	ATTORNEY DOCKET NUMBER <b>65899-0727</b>
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RADER, FISHMAN & GRAUER PLLC  
39533 WOODWARD AVENUE  
SUITE 140  
BLOOMFIELD HILLS MI 48304-0610

Examiner  
**CHIN, GARY**

Art Unit  
**3661**

Date Mailed: June *On* 13, 2005

## Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 11-3-03 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

**RETURN CORRECTED DRAWINGS TO:**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Steven Fields  
Office of Patent Publication  
Publishing Division  
(703) 305-0333 ext. 129